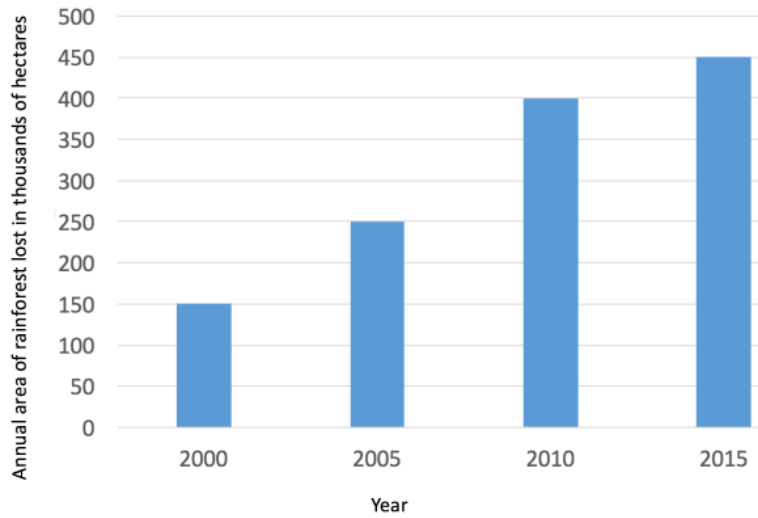


0	1
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The graph below shows the area of Amazon rainforest that is lost due to deforestation



0	1	.	1
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The area of rainforest lost each year in the Amazon increased from 2000 to 2015. Determine the difference in the annual area lost to deforestation between 2000 and 2015.

\_\_\_\_\_

\_\_\_\_\_

total area of rainforest lost \_\_\_\_\_ thousand hectares

**[1 mark]**

0	1	.	2
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Deforestation is the removal or clearance of trees in forest areas so that the land or materials can be used by people.

Deforestation can lead to increases in the amount of carbon dioxide in the atmosphere and to a reduction in biodiversity.

Explain how deforestation leads to each of these environmental issues.

Increase in carbon dioxide \_\_\_\_\_

\_\_\_\_\_

**[2 marks]**

Reduction in biodiversity \_\_\_\_\_

\_\_\_\_\_

**[2 marks]**

Suggest the benefits of deforestation to humans \_\_\_\_\_

\_\_\_\_\_

**[2 marks]**

0 1 .

3

Levels of carbon dioxide and methane in the atmosphere are increasing and contribute to 'global warming'

Global warming may lead to a rise in sea levels in the future.

Give 2 other possible effects of global warming in the Earth

Effect 1 \_\_\_\_\_

\_\_\_\_\_

Effect 2 \_\_\_\_\_

\_\_\_\_\_

**[2 marks]**

0 1 .

4

Suggest why scientists cannot be certain about the effects of global warming on the planet?

\_\_\_\_\_

\_\_\_\_\_

**[1 mark]**